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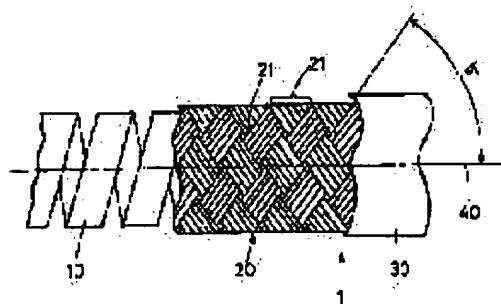
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(54) MESH-LIKE TUBE FOR FLEXIBLE TUBE OF ENDOSCOPE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a mesh-like tube for a flexible tube of an endoscope which has a higher bonding strength with a skin and is bendable smoothly when assembled into the flexible tube.

SOLUTION: The outer circumference of a spiral pipe is covered with a mesh-like tube 20 formed by braiding in strand bundles 21 in which filaments are arranged in plurality with the width of the strand larger than the thickness thereof and the shape of a cross section thereof flat and moreover, the mesh-like tube 20 composes a flexible tube 1 of an endoscope by covering the outer circumference thereof with a flexible skin 30 made of a synthetic resin. In work with an angle of braiding of 45°-65°, a braiding density of 0.78-0.90 and the frequency of braiding of 24 in bundle, when the width of the strand of the mesh-like tube 20 is represented by A, the number (n) of braids held per average braiding diameter D of the mesh-shaped tube 20 is in a range of $0.058D/A < n < 0.128D/A$.



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